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(54) **Handwritten information inputting device and portable electronic apparatus including handwritten information inputting device**

(57) A handwritten information inputting device includes an inputting region into which handwritten information is inputted with a pointer such as an electronic pen or a finger. The device also includes a function disposition region in which a plurality of operational elements (e.g., graphic icons) are disposed, each assigned a process related to the inputted handwritten information such as enlarging or rotating the inputted handwritten information. In response to a continuous operation for a

defined period of time of any of the operational elements, operational element disposition information regarding the operational elements disposed in the function disposition region is displayed on an external display apparatus, to which the handwritten information inputting device is connected. Also, the operated (selected) operational element is displayed visually distinguishable from the rest of the operational elements. Thus, an operator can confirm his operation of the operational elements without taking his eyes off the external display apparatus.

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EUROPEAN SEARCH REPORT

Application Number
EP 12 19 7990

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2011/113374 A1 (SHEEHAN CONOR [US] ET AL) 12 May 2011 (2011-05-12) * paragraph [0014] * * paragraph [0056] - paragraph [0058]; figure 1 * * paragraph [0060] - paragraph [0063]; figure 2 * * paragraph [0071] - paragraph [0072]; figure 5 * * paragraph [0115]; figure 12 * * paragraph [0139] *	1-15	INV. G06F3/044 G06F3/046 G06F3/0482 G06F3/0484 G06F3/0488 G06F3/0354
A	US 2005/024322 A1 (KUPKA SIG G [US]) 3 February 2005 (2005-02-03) * abstract * * paragraph [0040] - paragraph [0041]; figure 1 * * paragraph [0062]; figure 3B *	1	
A	US 2010/271401 A1 (FONG CHEE KEAT [US]) 28 October 2010 (2010-10-28) * paragraph [0056] - paragraph [0060]; figure 3 *	4,5	TECHNICAL FIELDS SEARCHED (IPC) G06F A63F H04N
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 26 September 2014	Examiner Schröter, Marcel
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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26-09-2014

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2011113374 A1	12-05-2011	CN 102667700 A	12-09-2012
		US 2011113374 A1	12-05-2011
		WO 2011056716 A1	12-05-2011

US 2005024322 A1	03-02-2005	CA 2533298 A1	10-02-2005
		EP 1652049 A2	03-05-2006
		JP 4370326 B2	25-11-2009
		JP 2007505371 A	08-03-2007
		US 2005024322 A1	03-02-2005
		US 2007101292 A1	03-05-2007
		WO 2005013052 A2	10-02-2005

US 2010271401 A1	28-10-2010	US 2010271401 A1	28-10-2010
		WO 2009082377 A1	02-07-2009

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82